



**SDI Review Form 1.6**

Journal Name:	<b><u>Physical Science International Journal</u></b>
Manuscript Number:	<b>Ms_PSIJ_29206</b>
Title of the Manuscript:	<b>Criticality Study for Large Masses of Low Enriched Uranium Samples in an Active Well Neutron Coincidence Counter</b>
Type of the Article	<b>Original Research Article</b>

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	Reviewer's comment		Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	Line No	Comment	
	8	February to December 2015.	Done
		19.3l what does l mean.	I means litres (A section for abbreviations is added).
	51-52	Combine the two phrases into one.	Done (lines 51-54)
		19.3l too much written	The comment is considered.
	52	6.90X6.05X0.85	Amended (line 57)
	56	Longitudinal and cross section calculations	Done (line 88)
	85	<b>MCNP Calculations model geometries for U3O8 powder samples (I) longitudinal and (II) cross section</b>	Done (line 111)
	90	<b>The same as line 90</b>	Done (line 141)
	102	<b>fuel rods distributions for Nine configurations.</b>	Done (line 187)
	155	Replace <b>by those</b> to <b>with those &amp; this sentence between two brackets (with specific differences....)</b>	Done (lines 263 & 264)
	215	Different fuel rods a) None b) water c)...	Figure caption is re-written (if accepted) to be



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	288		read as:  “Calculated $k_{eff}$ values for different fuel rods configurations with a) no b) water and c) polyethylene moderating materials”
<b><u>Minor</u></b> REVISION comments			
<b><u>Optional/General</u></b> comments	1- All the Numbers that have the same type of digits must have the same figures like 6.9X6.05X0.85 write as 6.90X..... test the overall manuscript. 2- Figure 7 may be combined in one figure. 3- All the figures must be high resolution than the present one.	Done  Done Done	